



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3503 FAX (603) 271-5171



April 12, 2004

LETTER OF DEFICIENCY #WSEB 04-052
CERTIFIED MAIL #7000 0600 0023 9933 8088

Francis Bequart
Fitzwilliam Village Water District
PO Box 12
Fitzwilliam, NH 03447

Subject: Fitzwilliam - Public Water System: Fitzwilliam Village/Laughner (EPA #0821020)

Dear Mr. Bequart:

The records of the Department of Environmental Services (DES) show that the Fitzwilliam Village/Laughner water system is classified as a public water system (PWS), as defined by RSA 485:1-a. A PWS is defined as any water system supplying 15 or more services, or 25 or more people, for 60 or more days per year. Pursuant to NH Admin. Rule Env-Ws 306, PWSs are subject to periodic inspections or sanitary surveys by DES staff. The purpose of the sanitary survey is to evaluate the adequacy of source(s), storage facilities, equipment, operation, and maintenance to produce and distribute safe drinking water. Pursuant to Env-Ws 360.10, a PWS owner is required to promptly repair and fully maintain the operational readiness of the water system.

On November 18, 2003, personnel from DES conducted a sanitary survey of the subject water system. During the survey, a "well casing extension" deficiency was found. Env-Ws 378.19 requires wellhead construction to comply with the regulations contained in We 600 and 700. We 603.03 sets forth the manner in which extensions and couplings shall be installed. The survey determined that the well casing extension on Bedrock Well #3 did not conform to We 603.03. The sanitary survey report, dated November 18, 2003, identified the deficiency found during the sanitary survey, requested that the deficiency be promptly corrected, and requested that DES be notified when the corrections had been completed. DES has no record of the requested response to the sanitary survey report. As a result, a follow-up letter, dated March 18, 2004, was sent to you. The follow-up letter requested that you respond in writing, within 15 days, and either indicate that the deficiency had already been corrected, or provide a copy of the completion schedule that you have established for correcting the deficiency. To date, DES has not received the requested response, thus placing the water system in violation of Env-Ws 360.10, Env-Ws 378.19, and the specific citation(s) noted below.

DES records indicate the following sanitary survey deficiency remains unresolved:

Well Casing Extension: We 603.03

Bedrock Well ("BRW") #3 (located outside the Inn #76): The casing of BRW #3 has apparently been extended above or repaired at the ground level. It appears to be coupled with a heavy rubber sleeve that extends above the ground surface. This is not to code.

New Hampshire Administrative Rule We 603.03(c) states: "Well casing extensions shall be constructed of the same materials as the existing casing and shall be of sufficient mechanical strength and weight to insure adequate performance of the functions for which casing is used, as specified in We 602.06(d)." We 603.03(d) further states the acceptable methods for joining steel casing extensions to existing steel casings. It lists the following acceptable methods:

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1. Threaded steel coupling;
2. Welded pipe joint;
3. Weld to threaded steel slip coupling; and
4. Mechanical steel bolted restraining pipe coupling.

DES believes the deficiency can be corrected by taking the following action(s):

A. **By April 19, 2004**, provide to DES in writing the date the casing extension was added to BRW #3 and the name of the person/company that installed the casing extension.

B. **If the sanitary survey deficiency has not been corrected:**

By June 14, 2004, correct the deficiency described above; and

2. **By June 21, 2004**, provide DES with documentation that the sanitary survey deficiency has been corrected.

C. **If the sanitary survey deficiency has already been corrected:**

By April 19, 2004, provide DES with documentation that the sanitary survey deficiency has been corrected.

In the event compliance is not achieved within these time periods, DES may take further enforcement action, including issuing an order requiring the deficiency to be corrected, initiating an administrative fine proceeding, and/or referring the matter to the NH Department of Justice for imposition of appropriate penalties.

Please send all correspondence made in connection with this letter to DES as follows:

Anne S. Bailey
Department of Environmental Services
Water Supply Engineering Bureau
29 Hazen Drive, PO Box 95
Concord, NH 03302-0095
Fax: (603) 271-0656

Please contact Kevin Riel at (603) 271-2539 or by e-mail at kriel@des.state.nh.us if you have any questions regarding the noted deficiency. If you have any questions concerning this letter or enforcement issues, please contact Anne Bailey at (603) 271-0672 or by email at abailey@des.state.nh.us.

Sincerely,

COPY

Rene Pelletier, P.G., Manager
Land Resource Programs

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cc: Gretchen Rule, DES Legal Unit
Joseph Damour, Water System Operators, Inc., Primary Operator
Kevin Riel, DES WSEB
Town of Fitzwilliam Health Officer
EPA, Region 1